Shawn DeFrees, et al. Application No.: 10/549,528 Response to Office Action mailed 3/31/08 PATENT

Amendment to the Specification:

2 On page 4 of the specification, please replace paragraph [0280] with the following new

3 paragraph:

1

- 1 [9891] In Scheme 5, the mannosamine glycoside 1, is treated with the active ester of a
- 5 protected amino acid (e.g., glycine) derivative, converting the sugar amine residue into the
- 6 corresponding protected amino acid amide adduct. The adduct is treated with an aldolase to
- 7 form the sialic acid 2. Compound 2 is subjected to catalytic hydrogenation of to produce
- 8 compound 3. The amine introduced via formation of the glycine adduct is utilized as a locus of
- 9 PEG or PPG attachment by reacting compound 3 with an activated PEG or PPG derivative (e.g.,
- 10 PEG-C(O)NHS, PPG-C(O)NHS), producing 4 or 5, respectively.

12

11

13